

RILEM Conference on durability of building materials and systems in the transportation infrastructure (25 – 28 march 2025)

Location: Hotel Coronado, Via Francesco Borromini 10, 6850 Mendrisio

Monday, March 24, 2025

14:00-18:00	Conference Registration <i>SUPSI, DACD Flora Ruchat-Roncati 15, 6850 Mendrisio, Welcome desk, main entrance.</i>
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Tuesday, March 25, 2025

8:00-9:00	Conference Registration <i>Hotel Coronado, Welcome desk, floor 2</i> <i>Morello room: floor 2</i>			
9:00-9:15	Official Conference Opening, Conference organizers' welcome, Christian Paglia RILEM Presentation, Nele De Belie, RILEM President			
09:15-9:30	Colonnetti medallists' presentation, Enrico Sassoni			
09:30-10:00	Rheology Control of Cementitious Materials, Gustavo Colonetti Lecture (RILEM MEDAL 2025), Dengwu Jiao			
10:00-10:10	Special award to Karen Scrivener: video message from Martina Hirayama, Swiss State Secretary for Education, Research, and Innovation			
10:10-11:00	Special award to Karen Scrivener Karen Scrivener's lecture			
11:00-11:30	<i>Coffee, San Gottardo room: floor 2</i>			
11:30-12:00	Advancements on serviceability and sustainability of cement-based materials and structures, Gustavo Colonetti Lecture (RILEM MEDAL 2025) Fragkoulis Kanavaris			
12:00-12:20	Sustainability in Road Mobility: Strategies and Actions by FEDRO, Guido Biaggio, Keynote speaker			
12:20-12:40	Advancements in Electrically Conductive Concrete Heated Pavements for Durable and Sustainable Winter Transportation Infrastructure System, Halil Ceylan Keynote speaker			
12:40-13:00	Balancing Durability and Sustainability in Infrastructure Design and Maintenance, Sylvia Kessler, Keynote speaker			
13:00-14:30	<i>Lunch, San Gottardo room: floor 2</i>			
<i>Location</i>	<i>Morello room, floor 2</i>	<i>Caviano room, floor 1</i>	<i>Alla Piana room, floor 1</i>	<i>Bella Vista room, floor 1</i>
14:30-16:00	New cementitious composites	Road pavements and maintenance	Bridges and structural applicatins	Durability and corrosion
16:00-16:30	<i>Coffee, San Gottardo room: floor 2</i>			
16:30-17:45	New cementitious composites	Road pavements and maintenance	Bridges and structural applicatins	Bridges and structural applicatins

Wednesday, March 26, 2025

8:00-9:00	Conference Registration <i>Hotel Coronado, Welcome desk, floor 2</i> <i>Morello room: floor 2</i>			
9:00-9:15	Tribute to Giovanni Lombardi, Alberto Vanni			
9:15-9:30	Presentation of RILEM and the RILEM Youth Council presentation, Nele De Beile, RILEM President and Angela Tawiah, RILEM Youth Council representative			
9:30-9:35	RILEM Technical committees' presentations, Enrico Sassoni			
9:35-10:05	Outputs of the TC 290-IMC: Durability of inorganic matrix composites used for strengthening of masonry constructions, Antonietta Aiello			
10:05-10:35	Outputs of the TC 277-LHS: Specifications for testing and evaluation of lime-based repair materials for historic structures, Ioanna Papayanni			
10:35-11:00	Augmented infrastructure condition diagnosis – from bridges to cathedrals, Ueli Angst and Robert Flatt Keynote speakers			
11:00-11:30	<i>Coffee, San Gottardo room: floor 2</i>			
11:30-11:50	Lessons from the past: can two-millenia old technology inspire modern cementitious systems?, Michel Di Tommaso, Keynote speaker			
11:50-12:10	Sustainable pavement rehabilitation, Alan Carter, Keynote speaker	Special Session		
<i>Location</i>	<i>Morello room, floor 2</i>	<i>Caviano room, floor 1</i>	<i>Alla Piana room, floor 1</i>	<i>Bella Vista room, floor 1</i>
12:15-13:00	New cementitious composites	Durability and corrosion	Road pavements and maintenance	Durability of Heritage buildings
13:00-14:30	<i>Lunch, San Gottardo room: floor 2</i>			
14:30-16:00	New cementitious composites	Durability and corrosion	Diagnostics and monitoring	Durability of Heritage buildings
16:00-16:30	<i>Coffee, San Gottardo room: floor 2</i>			
16:30-16:45	New cementitious composites	Durability and corrosion	Diagnostics and monitoring	Durability of Heritage buildings
19:30-22:00	Conference Gala Dinner, Hotel Coronado, San Gottardo room			

Thursday, March 27, 2025

8:00-9:00	Conference Registration <i>Hotel Coronado, Welcome desk, floor 2</i> <i>Morello room, floor 2</i>
9:00-9:20	Characteristics of concretes during their early ages affecting durability of Infrastructures, Serina NG, Keynote speaker
9:20-9:40	The role of durability on mitigation of CO₂ emissions of construction, John Vanderley, Keynote speaker
9:40-10:00	Sustainable Building Materials and Systems in Transportation Infrastructure, Tanja Zimmerman, Keynote speaker
10:00-10:20	Roberto Schuerch, Keynote speaker
10:20-10:30	Presentation of GLOBE, The Global Consensus on Sustainability in the Built Environment, Wolfram Schmidt
10:30-11:00	<i>Coffee, San Gottardo room: floor 2</i>
11:00-11:20	Appreciation of changeability. The "transformation value" of built heritage, Silke Langenberg, Keynote speaker
11:20-11:40	The multiple benefits of a good material diet, Guillaume Habert, Keynote speaker

				Special session
Location	Morello room, floor 2	Caviano room, floor 1	Alla Piana room, floor 1	Bella Vista room, floor 1
11:45-13:00	New cementitious composites	Service life design	Diagnostics, monitoring and prevention	Sustainable solutions
13:00-14:30	Lunch, San Gottardo room: floor 2			
13:45-14:30	Poster session, Veranda room, floor 2 (near San Gottardo room)			
14:30 -16:00	New cementitious composites	Service life design	Diagnostics, monitoring and prevention	Sustainable solutions
16:00-16:30	Coffee, San Gottardo room: floor 2			
16:45-18:00	Laboratory tour: materials, quality control and durability tests Institute of Materials and Constructions , SUPSI, DACD Flora Ruchat-Roncati 15, 6850 Mendrisio			
Friday, March 28, 2025				
8:00-18:00	Technical visits			